



DIRECT DRIVE LED
LINE VOLTAGE T8 TUBES

KT-LED7T8-24GC-840-D

T8 LED LAMP

DESCRIPTION

7W T8 LED | 4000K | >83 CRI | High Efficiency



LAMP TYPE: Linear

BULB TYPE: T8 LED

BASE TYPE: G13 (Medium Bi-Pin)

WATTAGE: 7W

COLOR TEMPERATURE: 4000K

COLOR RENDERING INDEX (CRI): >83

WARRANTY: 5 Years



PRODUCT FEATURES

- Replacement for Conventional Fluorescent Lamp
- 50,000+ Hour Lifetime
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Frosted Lens Eliminates Pixelation
- UL Classified; Listed on DLC Qualified Product List
- Operating Temperature: -20°C/-4°F to 45°C/113°F
- Integral Driver (Isolated), Eliminates the Need for External Driver or Ballast
- 110+ Lumens per Watt
- Improved Lamp Durability with Shatterproof Coated Glass, designed to pass drop tests of 6' on hard surface
- ETL Sanitation Listed NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone without additional fixture considerations)

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

| Input Voltage | Power Consumption | Power Factor | Input Current |
|---------------|-------------------|--------------|------------------------------|
| 120-277Vac | 7W | >0.9 | 0.06A @ 120V 0.03A @ 277V |

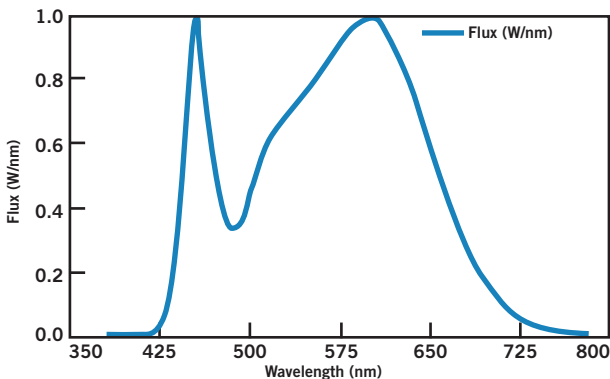
PHOTOMETRIC CHARACTERISTICS

| | |
|-----------------------------|----------|
| Color Temperature (CCT) | 4000K |
| Luminous Flux | 900 lm |
| Color Rendering Index (CRI) | >83 |
| Efficacy | 129 lm/W |
| Beam Angle | 240° |
| Visible Light Area | 325° |

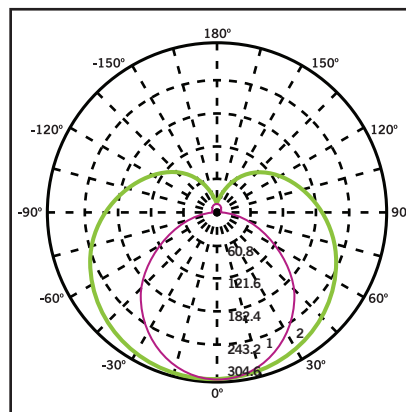
RATED LIFE

| | |
|-------------|--------|
| L70 (Hours) | 50,000 |
|-------------|--------|

SPECTRAL DISTRIBUTION



POLAR CANDELA DISTRIBUTION



Maximum Candela = 1248.55
Located at Horizontal Angle = 0,
Vertical Angle 0

1. Violet Vertical Plane through Horizontal Angles (90-270)
2. Green Vertical Plane through Horizontal Angles (0-180)



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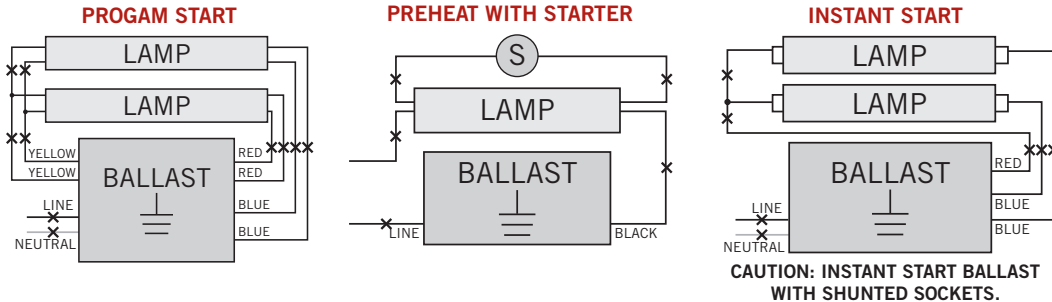
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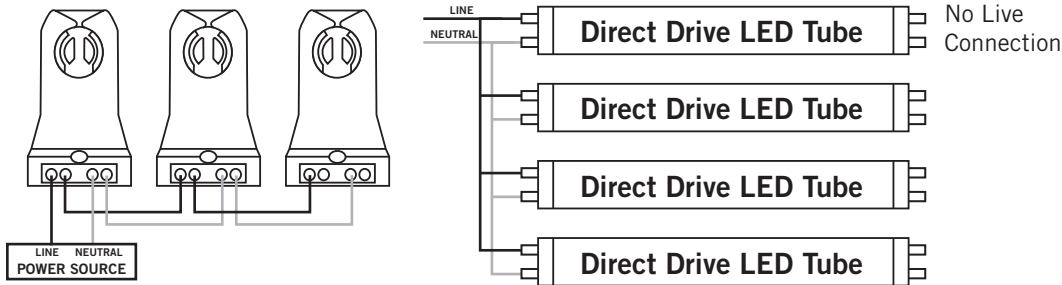
WIRING DIAGRAMS

1. Cut all existing connections to ballast as shown below and remove ballast.

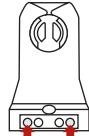
Typical Ballast Configurations:



2. Re-wire fixture as shown below.



Typical Non-Shunted Lampholder



Connect wires directly to these terminals

CAUTION: Use only non-shunted lampholders.

Do not install product in a fixture with shunted lampholders (found in all fixtures using instant start ballasts). If the current lampholders are shunted, remove them and replace them with non-shunted lampholders. Make new connections directly to terminals as indicated above.

Keystone can provide any style replacement lampholders. Call us at 800-464-2680.

PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS

| | | |
|--|------------------------|--------|
| | A (Illuminated Length) | 20.31" |
| | B (Body Length) | 23.19" |
| | C (Diameter) | 1.10" |

NOMINAL LENGTH: 24" BASE TYPE: G13 (Medium Bi-Pin)

ORDERING INFORMATION

| ORDER CODE | PACKAGING STYLE | PACK QTY. | ITEM STATUS |
|-------------------------|---------------------------------------|-----------|-------------|
| KT-LED7T8-24GC-840-D-CP | Carton Pack (Egg Crate Packaging) | 25 | Quick Ship |
| KT-LED7T8-24GC-840-D-DP | Distributor Pack (Individual Cartons) | 12 | Quick Ship |

CATALOG NUMBER BREAKDOWN

KT-LED7T8-24GC-840-D-CP

| | | | | | | | | |
|-----------------------|----------|-------------------|-------------------------|----------------------------|------------|-------------|---------------------|-----------------|
| Keystone Technologies | LED Lamp | Wattage Lamp Type | Nominal Length (Inches) | Shatter-Proof Coated Glass | 800 Series | Color Temp. | Direct Drive Series | Packaging Style |
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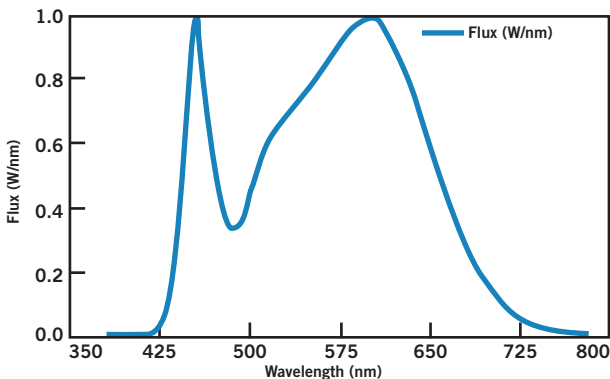
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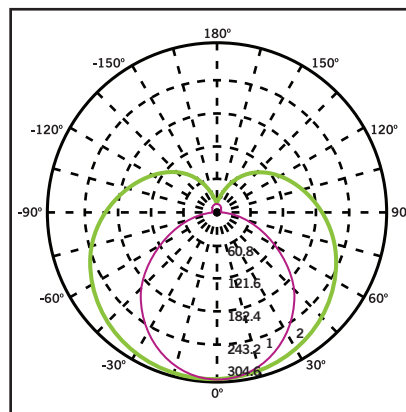
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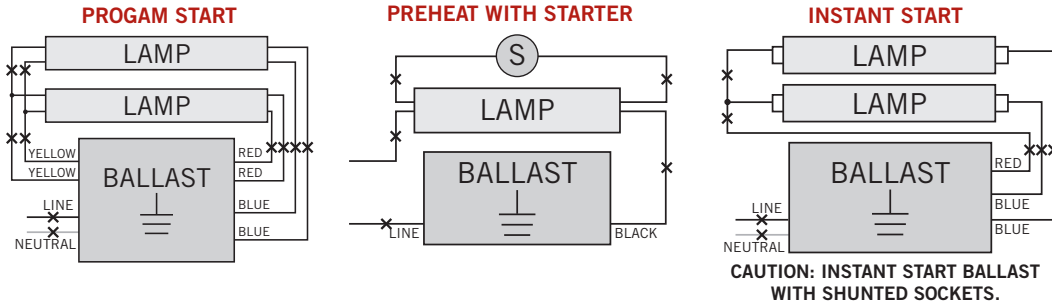
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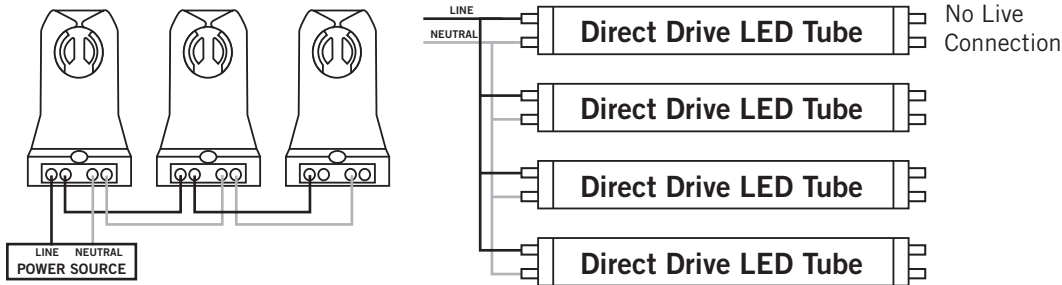
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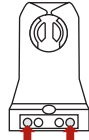
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